

Practitioner's Docket No. 16426/09011

Preliminary Classification:  
Proposed Class: 210  
Subclass:

PATENT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

22141 U.S. PTO  
10/673792



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Robert P. Mahoney; Christopher B. Murphy; Michael F. Dugan

For (title): METHODS OF PRODUCING POLYARYLAMINES AND USING THEM FOR  
DETACKIFYING PAINT AND REMOVING COLOR FROM AQUEOUS SYSTEMS

1. Type of Application

This application is for a continuation-in-part (C-I-P).

EXPRESS MAILING UNDER 37 C.F.R. § 1.10\*

(Express Mail label number is mandatory.)  
(Express Mail certification is optional)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date  
September 29, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail  
Post Office to Addressee" Mailing Label No. EL999246514US.

Date: 9/29/03

Debra Dunn-Brown  
Type or print name of person mailing paper

Debra Dunn-Brown  
Signature of person certifying

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).  
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

**2. Benefit of Prior U.S. Application (35 U.S.C. §§ 119(e), 120, or 121)**

The new application being transmitted claims the benefit of prior U.S. application. Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

**3. Papers Enclosed**

**A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**

33 Page(s) of Specification

6 Page(s) of Claims

**B. Other Papers Enclosed**

3 Page(s) of Declaration and Power of Attorney (unexecuted)

1 Page(s) of Abstract

1 Page(s) of Express Mail Certificate

1 Page(s) of Fee Transmittal Sheet

5 Pages of Patent Application Data Sheet

1 Page(s) of Check No. 23469 for \$708.00

1 Page(s) of Return Postcard

**4. Declaration or Oath (unexecuted)**

Enclosed

**5. Inventorship Statement**

The inventorship for all the claims in this application is the same.

**6. Language**

English

**7. Fee Calculation (37 C.F.R. § 1.16)**

Regular Application

CLAIMS AS FILED										
										Basic Fee 37 C.F.R. § 1.16(a) \$750.00
Number Filed			Number Extra			Rate				
Total										
Claims (37 C.F.R § 1.16(c))										
57			– 20			= 37			x \$ 18.00 = \$ 666.00	
Independent										
3			– 3			= 0			x \$ 84.00 = \$ 0.00	

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Claims (37 C.F.R. §  
1.16(b))

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Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	\$	280.00	\$	0.00
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Filing Fee Calculation	\$1,416.00
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**8. Assertion of Small Entity Status**

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.  
Status as a small entity was asserted in the prior application 09/813,747 filed on March 21,  
2001 from which benefit is being claimed for this application under 35 U.S.C. § 120 and  
which status as a small entity is still proper and asserted for this application.

A copy of the written assertion of small entity filed in the prior application is included.

Filing Fee Calculation (50% of above Filing Fee Calculation)	<u>\$708.00</u>
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**9. Fee Payment Being Made at This Time**

Enclosed

Filing Fee	\$708.00
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<b>Total Fees Enclosed</b>	<b>\$708.00</b>
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**10. Method of Payment of Fees**

Attached is Check No. 23469 in the amount of \$708.00.

Charge any additional fees required by this paper or credit any overpayment to Account No. 50-  
2548.

A duplicate of this paper is attached.

**11. Authorization to Charge Additional Fees**

The Office is hereby authorized to charge, to Account # 50-2548, any additional fees that may be  
required by this paper.

**12. Instructions as to Overpayment**

Credit Account No. 50-2548.

**ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S.  
APPLICATION CLAIMED  
(37 C.F.R. § 1.78)**

**13. Relate Back**

**A. 35 U.S.C. Sections 120, 121 and 365(c)**

"This application is a continuation-in-part of copending Application number 09/813,747 filed on March 21, 2001."

**14. Maintenance of Copendency of Prior Application**

No petition for Extension of Time is required in Prior Application

**15. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed**

- (a) This application discloses additional disclosure and a new declaration or oath is being filed. With respect to the prior application, the inventors in this application are the same.

**16. Small Entity (37 C.F.R. § 1.28(a))**

Applicant has established small entity status by the filing of a statement in parent application 09/813,747 on March 21, 2001.

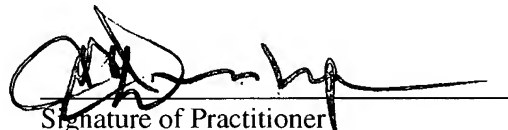
A copy of the statement previously filed is included.

**17. NOTIFICATION IN PARENT APPLICATION OF THIS FILING**

A notification of the filing of this continuation-in-part is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.

Date: Sept. 29, 2003

Reg. No.: 35,124  
Tel. No.: 864-250-2238

  
Signature of Practitioner

Charles E. Dunlap  
Nelson Mullins Riley & Scarborough  
P.O. Box 11070  
Columbia, SC 29211-1070

18351 U.S. PTO  
09/29/03

PTO/SB/17 (01-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 708.00)

## Complete if Known

Application Number	Not yet assigned
Filing Date	September 29, 2003
First Named Inventor	Mahoney
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	16426/09011

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:  
Deposit Account Number: 50-2548  
Deposit Account Name: Nelson Mullins et al.

The Commissioner is authorized to: (check all that apply)  
☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 375.00)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 57  
Independent Claims: 3  
Multiple Dependent: 0

Extra Claims: 37  
Fee from below: 9  
Fee Paid: 333

20\*\* = 37 x 9 = 333  
3\*\* = 0 x 42 = 0  
0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 333.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

## SUBMITTED BY

Name (Print/Type) Charles E. Dunlap

Registration No. 35,124  
(Attorney/Agent)

(Complete if applicable)

Telephone 864-250-2238

Signature

Date September 29, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert P. Mahoney, Christopher B. Murphy and Michael F. Dugan

Application No

Group No.:

Filed:

Examiner

For: METHODS OF PRODUCING POLYARYLAMINES AND USING THEM FOR DETACKIFYING PAINT AND REMOVING COLOR FROM AQUEOUS SYSTEMS

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL999246514US

Date of Deposit 09/29/2003

I hereby state that the following *attached* paper or fee

1. Fee Transmittal (1 page)
2. New Application Transmittal (w/ duplicate) (4 pages)
3. Patent Application Data Sheet (5 pages)
4. C-I-P Patent Application w/title page and abstract (35 pages)
5. Unexecuted Combined Declaration and Power of Attorney (3 pages)
6. Statement Claiming Small Entity Status (1 page)
7. Check No. 23469 for \$708.00 (1 page)
8. Return Postcard (1 page)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Debra Dunn-Brown



Signature of person mailing paper or fee